



NITFS Compliance Registration



Product: Image and Video Exploitation (JIVE), version 4.7.2.0

Date: 23 January 2004

Sponsor: Space and Naval Warfare Systems Command System Center
Charleston Code 733

Expiration: 22 January 2006

Developer: SEMCOR Division of Titan Systems Corporation

Registration #: 2020

☒ Initial Registration

☐ Supplemental/Update #

☐ Derived from Reg. #

System

N-0105/98, §4.1.1

Product

N-0105/98, §4.1.2

Component

N-0105/98, §4.1.3

NITFS Features Implemented:

Format

☒ NITF

☒ v2.1

☒ v2.0

☒ v1.1

☒ NSIF

☒ v1.0

Image Segment Types

☒ MONO

☒ RGB

☒ RGB/LUT

☒ YCbCr

☒ MULTI

☐ NO DISPLY

☐ POLAR

Data Extension Segments

☐ TRE_OVERFLOW

☐ STREAMING_FILE_HEADER

☐ Controlled Extensions **

☐ Registered Extensions **

Tagged Record Extensions

☒ QMAPA

Pixel Value Types

☒ Boolean

☒ Integer

☒ Signed Integer *

☐ IEEE Real *

☐ IEEE Complex *

Image Compression

☒ Not Compressed

☒ JPEG Lossy, 8-bit

☒ JPEG Lossy, 12-bit

☒ JPEG Downsampling

☒ JPEG Lossless

☒ JPEG 2000

☒ 8-Level

☒ Vector Quantization

☒ Multispectral JPEG, Individual Band

Annotation Segment Types

☒ Bit Mapped **

☒ COM, 2301

☒ COM, 2301A

☒ Labels **

Text Segments

☒ TA

☒ UT1

☒ U8S

☐ MTF

☒ Fully implemented
☐ Partially implemented
☐ Not implemented

Complexity Level

NITF 2.1 CLEVEL

Interpret ☒ 3 ☒ 5 ☒ 6 ☒ 7

Generate ☒ 3 ☒ 5 ☒ 6 ☒ 7

NITF 2.0 CLEVEL

Interpret ☒ 1 ☒ 2 ☒ 3 ☒ 4 ☒ 5 ☒ 6 ☒ Oth

Generate ☒ 1 ☒ 2 ☒ 3 ☒ 4 ☒ 5 ☒ 6 ☒ Oth

Configurations Tested:

-Intel Pentium IV / Windows 2000 Professional, SP3

-Intel Pentium IV / Windows XP Professional, SP1

-Sun Sunblade 100 / Solaris 2.8

-Sun Ultra 2 / Solaris 2.8

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.